

in Account with District No.

Cr.

WHEN PAID OUT.			No. of ORDER.	TO WHOM.	FOR WHAT PURPOSE.	AMOUNT.	
Month.	Day.	Year.				Dolls.	Cts.

1898

January

January 2, Sunday. The male English Sparrow has a black patch on his throat that the female lacks. She has more sober plumage. They are making love now. I saw one hopping around the female as she sat in a snape in our yard. He dragged his wings and spread his tail and chirped to show his finest feathers.

January 12, Wednesday. This morning it was quite cold. I went down in Whit Main's woods. Saw a flock of 2 or 8 Chickadees in the plum orchard. Lack a description. Crown and throat glossy black. Back ashy; underparts white. The middle of the belly has a slight reddish tinge. They were very tame and allowed me to get quite close. They were always on the move for something to eat.

February

February 7, Monday. A Chickadee came to a pile of wood by the back door this morning. He hung over the sawed end of wood and pick out larvae. They were covered by sand dust and he dug it out. When he got a small one he ate it up but he flew off with the large ones. He picked a little at a bone too.

February 27 Sunday. The little gnats are dancing their love dances this afternoon. Over by humbles a pair of White breasted nuthatches were catching them. They would start from an elm branch and circle through them, coming back to the same perch.

April

April 10, Sunday. This afternoon I went down in the fields with Wags. Down by the ravine I scared up a Meadowlark. It lit on a post and I sat down to watch it. The belly was white; breast yellow with a black crescent on it; the back was streaked.

Dr.

Treasurer,

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				with black and brown. It had a curious way of moving its bill. Crossed the ditch and 2 wire fences on a foot I saw a male Song Sparrow. It had a black spot on its breast a little larger than the end of a pencil surrounded by stripes of the same color. belly white; it sang. While crossing another fence I heard a drumming noise and saw a Flicker on a dead limb of an elm tree. It had red on the back of its neck. The tail was short and was used to brace with. It drummed and gave a note like <u>whick-ah whick-ah</u> bowing all the time. While looking for a Song Sparrow in a bushside I saw a Dusky Duck on the river. I stood on the bank and watched it as it swam around in front of me for some time. After a little it flew upstream and lit again. Then I went home.		
				April 12, Sunday. This morning a Chipping Sparrow was in the yard. The crown was reddish brown; back streaked with brown and black; underparts gray. The bill is black. Over by Mrs. Pettes I saw a pair of Yellow bellied Woodpecker. They had red on the throat and head. It had drilled holes in a Norway Spruce.		
				May.		
				May 13 Sunday. This afternoon I went down in L. Volls woods. Just beyond the spring I saw a male Rose-breasted Grosbeak. On the breast was a rose-red spot; belly white; head and underparts black; wings barred with white; bill large white. Its song sounded like that of a Robin.		
				On a Rail fence in a brushy field was a flock of		

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<p>White-throated Sparrows. They were nearly as large as an English Sparrow. The song was a sweetly whistled d-d pea-body pea-body.</p> <p>They were quite tame. I watched them for some time from behind a stump.</p> <p>On the further side near the river I saw a Scarlet Tanager. wings and tail black; rest of plumage bright scarlet. The call note was a metallic chip-churr. Once it went down to the ground but he generally kept up in the trees.</p> <p>Started for home. By the swimming hole a Belted Kingfisher flew by me.</p> <p>Then I went home.</p> <p>May 23, Monday. Went down in the fields. Found a Robin's nest by Mainer's slough in a clump of bushes. The outside was coarse grass. The interior was a mud cup lined with fine grass. It was about 5½ feet from the ground. It contained 1 blue egg.</p> <p>Farther on I found a Catbird's nest in a thorn-apple tree. It was about 10 feet from the ground and of fine weeds and grass. It contained 1 rather long egg smaller and darker-colored than that of a Robin.</p> <p>By the bend two Bank Swallows had their nest. The hole was long. Belly white; grey band on breast; throat white.</p> <p>June.</p> <p>June 5, Sunday. Went down the track this afternoon. It was quite hot. By the oak a blue-bird flew out of a post. She nearly hit me in the face. The nest about a foot from the top was made of fine dried grasses and contained</p>							

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				4 pale blue eggs. The male was blue above. breast reddish-brown; belly white; tail blackish underneath. In Voeck's Marsh I saw a Catbird. Its head and tail were black. The tail was long. When it was excited it jerked it up and down. It imitated other birds in its song. Went across the fields to H. Hackells. Saw a Red-winged Blackbird. Glenn Hackell called it a Black Jack. It was black. The shoulders were red bordered by light orange. Its alarm note was chuck chuck. The song was like k-ee-a-k-ee.		
				Then I went home.		
				June 11 Saturday. This afternoon noon I found a Robin's nest in a maple west of the house. English Sparrows had built right over it. Went up by Carpenter's and found another like it in a Box Elder. There were two Robin's eggs in it. They were in the Sparrow's nest.		
				June 24 Friday. Went down in the fields after school. Saw a male Bobolink. It flew while singing. It kept walking around on the top of a post uneasily and giving the alarm note. Went on down to the river. On a dead willow about 5 feet above the water was a Ring-bird's nest. The willow had fallen on the crotch of a bush and hung over the water. The nest was made of small weeds, roots, strings and fibers and was lined with small brownish roots. It contained one young bird covered with down and one white egg spotted with chocolate.		
				Then I went home.		

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Cr.

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						July.		
						July 31, Sunday. This afternoon went over across the river. Saw an American goldfinch on a thistle. The back and breast were yellow; belly and rump white. Tail and crown black; middle tail feather white. Bill rosy white. old note was per-chir-o-ree.		
						Under the bridge was a flock of Cliff Swallows mostly young. Sometimes an old one would push a young one away and a light in its place. They kept calling <u>twit twit</u> and <u>chir</u> .		
						1899		
						January.		
						January 2, Saturday. This morning it was warmer. Bundled up well and went down in the woods. There were a few inches of snow on the ground. Crossed the river and went nearly to the farther side of the peninsula. Watched a flock of Chickadees feeding for some time. They searched every available place for berries. Some large birds lit for an instant in a tall tree and then flew over to G. Hackett's peninsula & followed. Soon came upon a flock of them. They were Evening Grosbeaks. The males are a single loud note and the females chattered like Cedar Waxwings. There were about 75 of them. They were quite wild. Suddenly they flew off. The woods were deserted and the chilly wind struck to the bone. I had went home hoping to see them again.		

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March

March 8, Wednesday. This morning a White-breasted Nuthatch was singing in the back yard. Then he flew away with the customary yakah akah.

March 9, Thursday. This morning a small flock of Redpolls were out in Pettey's garden on Pig weed seeds. Sides and breast light red; crown red; chin, cheeks and belly white; wings barred with white; tail black, notched; the bill is yellow. They hung head down from the tips of the weeds and fed. They have a note like that of a Goldfinch.

March 25, Saturday. This morning I saw a half dozen Juncos by Sparks. Its bill is yellow; belly white; head blackish; breast and sides slate grey; back blackish; outer tail feathers white; its song was like sweet sweet chip chip chitty. They chut chut to to to. It can only be heard about 35 yards. The ordinary note was tsip. When flying it spread its tail and showed the white feathers.

April

April 2, Sunday. Went down in the fields this morning before breakfast. By the ditch on Oherety's I saw two Tree Sparrows. The top of the head was reddish brown; rump grey; back streaked with brown; underparts, whitish; indistinct black spot on breast; middle of tail black. The common note was tsip. They sang sweetly. They flew along the ground so fast and kept under cover so well that they would hardly be noticed. They jerked their tails nervously.

April 9, Sunday. This afternoon it is bright and

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Sunny. Clarence Cook and I went over on the island. Saw a Robin on a patch of grassward. Its breast was reddish brown, belly white, back dark slate, Crown and tail black primaries and secondaries brownish than back. Circle round eye white; bill yellow; When it ran fast its head was level with its body.

April 11, Tuesday. This morning I went down to the ditch below the school-house before breakfast. A male Goldfinch lit in a little box elder and began to sing. Here is the song. sweetay sweetay sweet toosy toosy pe-e-e seeo per-chic o-see swee swee per-chic o-see. Then I went home.

April 13, Thursday. Went down to the river before breakfast. Crossed Fisk's meadow and quietly approached the fence of Lawton's pasture. A flicker was hunting on the ground a rock or so off. Head and throat fawn, back brownish breast fawn spotted with black; Belly white spotted with black; triangular red spot on back of head; Rump white; underside of wings golden yellow; bill black-yellowish on end. The tail was used as a brace. The rump showed conspicuously in flight. It was eating ants.

April 14, Friday. Went down in the fields before breakfast. There were not many birds about. A Song Sparrow sang while hunting for food on the ground.

April 15, Saturday. Shot a male ~~Purple~~ Bronze colored Grackle this morning. Crown and neck steel-blue with reflections.

Dr.

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primaries and secondaries black, Tail long and black back black with bronze reflections. belly and underside of wings black. breast same as back. eyeball yellow. bill and feet black. very strong. The common note was an asthmatic *sfe ché* given with spread wings and tail.

April 20, Thursday. Shot a Bluejay this morning. back light blue; belly white; breast drab; wings blue tertials tipped with white and barred with black; secondaries same; outer tail feathers tipped with white and barred with black; toes black; line around neck and extending down the breast black. undertail coverts white. crest blue. The tongue was slightly notched at the end.

April 22, Saturday. Saw a Killdeer in Drafus's pasture by the bridge this afternoon. It was white underneath breast white with two broad bars of black. throat white. bill black; crown light brown edged with black; back gray brown; feathers edged with ochraceous buff. rump buff rather reddish; tail short tipped with brownish white. feet black; underside of wings white primaries and secondaries black barred with white toes 3. first and second slightly webbed third free. legs rather long.

April 23 Sunday. This morning I saw a ~~Black-throated~~ Warbler in our west yard. It was a male; side with stripes of black; crown black; belly white; side stripes joined on breast; lower breast yellow; lores black; throat white; outer tail feathers yellow; rump white; back dark olive brown; wings nearly black. It gave a note like *chick* and caught insects on the wing.

In the front yard a female Ruby-crowned Kinglet was hunting through a Norway Spruce. underneath pale yellowish

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<p>green; back olive brown; wings darker than back and barred with white. top crown olive brown. At long intervals it gave a note like <u>chit-it</u>. Sometimes it captured insects on the wing. Went over in J. Hackett's woods this afternoon. It had turned colder. Saw a male Hairy Woodpecker flying. At every glide it gave a loud rattling note. When it lit it hummed a little.</p> <p>April 27, Thursday. This morning there were half-a-dozen of Purple Martins flying around the schoolhouse. A strong wind was blowing. One would soar tipping from side to balance. Its tail helped. A male held his wings stiff and let the wind blow him backward. Once he tipped over.</p> <p style="text-align: center;">May.</p> <p>May 2, Tuesday. This morning it was raining but a Song Sparrow sang. It gave two songs with a pause between.</p> <p>May 3, Wednesday. This morning before going to school I saw a Catbird fly from one of our trees across the road with a quick up and down motion as if it was turning somersaults. It sang all the time. When it lit it spread its wings and tail and fluffed out its feathers. Then it sang faintly and asked as if it was wounded. An English Sparrow was watching it. The Catbird gave a black-bird-like chuck and made as if to pounce on the Sparrow which flew away.</p> <p>Over on the school-ground I took the song of a Song Sparrow. <u>chip chip chip</u> <u>kur-tic-tay-tye</u>, sometimes accented by a <u>pe-aw</u>. When I would think that the song was ended by the inflection, another more notes would be added.</p>							

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4 notes: in full, 100, 100, 100, 100.

May 8, Monday. The female was on her nest when I looked in at the bluejay's this morning after breakfast. The male was in the same tree. The female stayed on the nest till I was within 3 feet of her. There were 2 eggs in it.

Hear of a Palm Warbler sing on the wing in the yard. It was like: too-wee too-tink tink.

The common song that it gave while hunting for food was a series of zee.

Over by Lumbus a Male Goldfinch was eating the seeds.

This evening I measured the Brewer's Grackle's nest: depth $3\frac{1}{4}$ inches; diameter 6 inches; height 8 inches; circumference 15 inches. Noticed that the shells were mostly on the large ends of the eggs. Some were purple.

May 9, Tuesday. This morning I found a Downy Woodpecker's nest in Leiders' field across the way on bridge. It was dug out of tough wood in a dead maple. It was pear-shaped and measured as follows: depth 15 inches; diameter of opening $1\frac{3}{4}$ inches; width of hole 3 inches. There were 5 white eggs on the fine chips at the bottom. Took one egg.

While up in the tree a Female Rosebreasted Grosbeak placed a few straws on a limb as the foundation of a nest. Her crown was streaked with black and white.

Towards the bridge I found a Mourning Dove's nest in a boxelder. It was made of rootlets and grasses on a foundation of straw. depth $1\frac{1}{4}$ inches; height $2\frac{1}{2}$ inches;

Dr.

Treasurer,

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				circumference 12 inches; It contained 2 white eggs.		
				On the same tree was a Chipping Sparrow's nest containing 5 blue eggs spotted with black and amber. It was made of grass, rootlets and pine needles. on a foundation of grass and weeds. It was lined with pine needles and hair. depth $1\frac{1}{2}$ inches; height 2 inches width $3\frac{1}{2}$ inches circumference 6 inches. Then I went home.		
				This afternoon there were a number of Cliff Swallows flying around the school house. The tail was notched.		
				May 10, Wednesday. One of the Bluejay's eggs was sucked. It was taken from the nest.		
				May 11, Thursday. The song of the Cliff Swallow sounds like squaking leather. Heard it this afternoon on the school grounds.		
				May 12, Friday. The other Bluejay's egg was sucked this morning. Both were removed from the nest.		
				May 15, Monday. This morning there was a male Brewster's Warbler in the trees near the house. I took this description: Crown yellow; upperparts olive grey; wings barred with yellow; shorter tail feathers tipped with yellow; outer tail feathers barred with yellow white; underparts white; <u>breast yellowish.</u>		
				Heard a Song Sparrow down by the ditch give the following song - <u>sit sit sit im sit tr se put in.</u>		
				After supper I went on on J. Gaskett's Island. Took the following description of a male Redstart: head and upper breast black; sides orange; belly white; back and wings lighter than breast; wings barred with orange; tail long, tipped with black; fan shaped; rump		

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May			King bird.			
			Scarlet Tanager			
8			May land Yellowthroat			
10			Wood Pewee.			
12			Ruby-throated Hummingbird			
			Redstart			
14			Chickadee Bunting			
15			Brewster's Warbler			

May 16 Tuesday. This morning after breakfast I saw some ~~Purple Finches~~ ^{in the} ~~finches~~ feeding on the cones on Pettys trees. Head reddish; back grey; wings dull black; bar on bend of wing white; belly greyish white; throat grey; bill yellowish black; tail short; notched; rump redder than breast; lores dull black. The bird hangs head down sometimes while feeding. They gave a metallic tink tink.

Took the following description of a Chipping Sparrow in their yard: Crown reddish brown; underparts dull white; white line over eye; Black line through eye; lores black; back brown, streaked with black; tail fuscous; long notched; two white wing bars; under side of wings greyish white.

While over on the school-ground I saw a Robin sing while it was flying. It was a whistling song. It started from one tree and flew in a semicircle to the one that contained its nest.

May 17 Wednesday. This morning before school I went down on the island and dug a Kingfisher's nest out. The old one stuck on which I was digging. It reached my hand in a quick and sure way and pinched me into hand. It pulled itself out and took this description of her: bill long and sharp, black; underparts white; Band of brown across the breast and down

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<p>the sides, white band on neck; back and breast steel-blue; band across upper breast brown; primaries and secondaries black, barred with white; rufous patches on underside of wing &c. Tail black barred with a great many white bars; small white spot on lores; feet small, red; fat; the first and second toes were grown together for about half their length. The nest was about 3 feet from the opening. The cavity containing it was quite large. I could not get my arm in the hole. The nest was made of mud & claws and fish-bones. It was sunk below the level of the hole and contained 7 white eggs. I took one. Put the old Kingfisher back in and she staid there.</p> <p>This morning I found a Meadowlark's nest in Sely's pasture by the marsh. It was in a clump of grass. There was a well-marked path used by the old one. She flitted off and acted as though she had a broken wing. I marked the spot and followed her. She would give little hops in the air as though trying to fly. It contained 3 eggs.</p> <p>May 18, Thursday. At the morning recess this morning I went down to the ditch. Saw a Maryland Yellow-throat. It had a black stripe extending over the eyes like a mask. The song it gave sounded like <u>wichity</u> <u>wichity</u> <u>wichity</u>, varied to <u>wichity</u>. It was in a low tone and gathering volume towards the end. The note of alarm it gave was <u>chimp</u> & given in a harsher manner than that of the song sparrow.</p> <p>Heard a song sparrow give an alarm note like <u>chimp</u>.</p> <p>May 20, Saturday. This afternoon I went down in Vreck's marsh. Took the following description of a vesper sparrow; lower breast & belly whitish;</p>							

Dr.

Treasurer,

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				upper breast and sides streaked with small brown streaks; crown brown, streaked with black; back streaked; Band of wing dull bay; tail notched; outer tail feathers white.			
				Saw a male Rosebreasted Grosbeak. Its sides were spotted with black; bill large, yellow; tail notched. Then I went home.			
				May 21, Sunday. Heard a male Bronzed Grackle give two songs. The first was <i>spelt</i> varied to <i>spelt-chia</i> . It was indrawn excepting the last. The other was <i>lee-chia</i> . It was in the morning.			
				Took down a number of Bluejay notes. One was a loud <i>peent</i> like <i>peent</i> . One when that is pleasing is a high <i>wing witt</i> . One gave a lovenote like <i>quie</i> uttered in a low conversational tone. This is also used when several get together.			
				This afternoon I went over across the river. Heard a Male Red-winged Blackbird give a snuttatic note like <i>link</i> . And another like <i>tu-e-e-e</i> given in a shrill tone.			
				In the edge of the woods I saw a male Chestnut-sided Warbler. Its crown was yellow; line around it black; belly white; sides chestnut; back streaked with black; tail black; wings barred with yellowish white. Went onto the marsh. Two Killdeer were here. They were very noisy giving notes like <i>tu-e-e</i> <i>tu-e-e</i> <i>tu tu tu</i> . When I approached the marsh they would fall on their breast with spread tail and tremulous wings giving a note like <i>tu-e-e-e</i> on a descending scale. Heard a harsh weak note coming from the marsh. One of the Killdeer ran through the grass in the direction of the sound. I marked the place and approached. I could see nothing for a time but suddenly I saw a young one in plain sight on the mud.			

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Cr.

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				<p>last years nest. The new one was a trifle smaller. The outside was coarse grass and weeds. Then came a layer of mud. The nest was lined with very fine weedstems and grass. The foundation of the old nest was of mud. Otherwise it was the same.</p> <p>May 24, Friday. Jim Drake went over across the river this afternoon. Found a Red-backed Woodpecker's nest in a stub by the ravine. It was about 10 feet up. It was the enlargement of an old nest. Depth 18 inches, width at smallest part 3 inches, wider at bottom, diameter of hole $2\frac{1}{4}$ inches. The 4 white eggs were laid on a few white chips at the bottom. They were transparent and of a pinkish hue.</p> <p>Found a Sparrow Hawk's nest at the bend in a broken off Basswood. It was about 45 feet up in a tree I could not reach around. Went up with my climber. The top had rotted out about 4 feet. It was about 2 feet across. The nest in there contained 5 slightly incubated eggs whitish pink thickly spotted with fine cinnamon brown spots. Spots darker on one end. Generally the large. Both ends were nearly the same. They were laid on a dead twig as large as a leadpencil scantily covered with oak leaves. While I was there the old one would fly out from the tree and hover about 10 feet over me calling shrilly Killy Killy Killy Killy. Then we went home.</p> <p>May 28, Saturday. Went down by Spahr's this morning. By Fisk's a Catbird was singing. It copied a Bluejay's note and the song of a Wood Thrush. It was raining slightly.</p> <p>Found a Bluejay's nest in Spahr's boxelder. The old one sat on it with the bill at an angle of 50°. She stood until I nearly touched her. Then she went home.</p>		

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This evening I watched a Robin at work on the nest she had begun in the morning in a little elm near the walk. She tried to get a string that was fast in a tree. ~~She~~ She would take hold of it and jerk and then try to fly away with it. She made the foundation of twigs, paper grass, string and cloth. A male Baltimore Oriole came while she was gone and stole a string.

May 28, Sunday. This Evening the Robin was carrying grass to the nest. Once she visited an old English Sparrow's nest in the wall and took a few straws from it. She mixed mud and grass and moulded it with her breast. When she left the nest she sometimes uttered a rapid peep peep faster at the end like - - - - - She took some clear mud. She dug it with a shovel-like motion. She entered the nest from any side. When the mud was moulded she put in the lining of fine grass. Some was moulded in and the nest was loose. Her breast was muddy.

Monday. This morning over at the school grounds I got several country names for birds. Lin Hackett called a Red-winged Blackbird a Black Jack, Harry Klumpke a Spotted Spotted a Sand Snipe, and driving Pinnole a Ruffed Grouse a Wild Banty.

May 30 Tuesday. This evening I was up by a rapure heard a Vesper Sparrow sing on the ground. A Chipping Sparrow not to be outdone sang also. His song was like chippy chippy chippy chippy. Running up the scale like

May 31 Wednesday. This afternoon I made a study of the notes of the English Sparrow. It has two harsh notes

Dr.

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<p>used as calls like <u>this</u> it and <u>chirp</u> or <u>chip</u>. When alone uttered a note like <u>chr-r-r-r-r-r chirp</u>. It has a jumble of the first two for a song. When flying they gave notes like <u>toit</u>. The flight was strong and rather bounding.</p>						
June.						
<p>June 1, Thursday. This morning I found a Robin's nest in a boxelder tree near the ware-house. The female seemed to have a defect in her voice. She only gave a single note like <u>toep</u>. She flicked her tail nervously while I was near and gave the call. The male gave the usual <u>Pimp</u>.</p> <p>This evening I was down to Seely's. There was a Barn Swallow's nest in Langer's barn. The male sat on a fence and gave a pleasing twittering song.</p> <p>June 2, Friday. Tonight after school Jim Chapin and I went over in Ristau's. Found a Warbling Vireo's nest in an elm tree about 16 feet from the ground. It was made of plant down, cobwebs, small cocoons, vegetable fibers, plant and hairs compactly woven together into a soft gray cup. It was about an inch thick. Eggs 3 white, sparsely spotted with brownish black. Took the following description of the female: line through eye grayish brown, tail slightly notched; underparts white slightly tinged with yellow; crown and back olive brown; wing and tail same; it gave two notes like <u>chit-chit</u> and shave <u>zhwre</u>. The male's song was a smooth warble. I watched her when she went back on the nest. She slid along the limb and into the nest so quickly that I hardly noticed her.</p> <p>Then we went home.</p>						

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Gr.

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<p>June 3, Saturday: This afternoon noon I heard a continual chipping noise coming from Fisk's garden. Followed it up and found a Chipping Sparrow's nest. It contained 4 young. They were covered with parasites and were very noisy. Over by Spahr's I heard a Bluejay give a note that sounded like the turning of an ungreased axle.</p> <p>June 4, Sunday. This afternoon I went over to the sloughs. By second slough on the side covered with brush I found a Wood Thrush's nest. It was about 4 feet from the ground in an oak sapling and was in plain sight of the path. It was placed at a junction of a branch to the tree. It was made of leaves grass and roots. The inside was mud. The lining consisted of a few pine needles. The grass had been in water until it was black. It much resembled a Robin's nest and the two blue eggs heightened the delusion though they were smaller. Depth of nest, 2 7/8 inches; height 5 inches; width 4 1/2 inches; distance around 12 1/2 inches. I broke off the nest and went away coming back after a short time and alighted within 4 feet of me. Took the following description of it: head bright brown; back, wings & tail duller. Underparts white streaked with black; flanks spotted; throat white. Then I went home.</p> <p>June 5, Monday. Heard a Bluejay give a singular note like <i>Klimp</i>. It was followed by <i>petel koo</i>. Noticed that the common note of the Barn Swallow was <i>weel weel weel</i>.</p> <p>June 6, Tuesday. Jim Draper and I went down below their house this morning. Found a Scarlet Tanager's nest on the horizontal limb of a small oak on the</p>							

Dr.

Treasurer,

WHEN RECEIVED.			FROM WHOM.	ON WHAT ACCOUNT.	AMOUNT.	
Month.	Day.	Year.			Dolls.	Cts.
				<p>riverbank. It was about 10 feet up and was made of wass weeds that had stood in the water and was lined with pine needles. It contained 4 greenish blue eggs. Spotted with rufous and rufous brown principally on the large end. They are darker than. The female did not appear at all anxious. She flew across the river and was joined by her mate. She flew at him and picked him when he sang. Took the following description of her: bill quite large, yellow; tail notched; under side blackish; under tail-coverts yellow; head yellowish green; back olive green; throat and breast yellow; wings blackish; yellow.</p> <p>Went on alone and found the nest of a Prarie Warbler. It was in a bush about 2 feet from the ground. It was made of hair, fur, plant down, and pine-needles closely felted together and lined with black hair mostly on the inside. The bottom was white down. It made a pretty contrast. It was a perfectly round cup in shape. It contained 2 dull white eggs; spotted at the large end with olive-brown and purplish cinnamon. Took one. It was very fragile. Then I went home.</p> <p>June 7, Wednesday. This morning I found a Scarlet Tanager's nest in a large oak over in front of Gray's. It was about 20 feet from the ground I could not reach it. The female was very anxious and gave notes like <u>pe-re pe-re pe-re chip churr</u>.</p> <p>This afternoon I went over in J. Hackett's woods. There were a number of Spotted Sandpipers along the river. They rose with notes like <u>peet wet wet wet</u> and flew off just above the water.</p> <p>Found a Wilson's Thrush nest on a log. It was made of leaves and lined with roots. It contained 4 blue eggs.</p>		

in Account with District No.

Cr.

WHEN PAID OUT.			No. OF ORDER.	TO WHOM.	FOR WHAT PURPOSE.	AMOUNT.	
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and 2 cowbirds' eggs. Took the following description of a Yellow-billed Cuckoo: bill yellow, line through eye black; underparts white. Its notes were fast at first and were slower at the end. They sounded like hitting stones together. Found a nest on the top of a thornapple tree about 10 feet up. It was made of fine twigs and lined with leaves and fine rootlets. It contained 4 blue eggs. They were very dirty. Depth of nest $1\frac{3}{4}$ inches, width $5\frac{1}{2}$ inches, height $3\frac{1}{2}$ inches, circumference 14 inches.

Found the nest of a Red-Eyed Vireo on a crook at the end of a limb of a Basswood. It was made of cobwebs, bark, leaves, hemp and cocoons and was lined with pine needles. It contained 3 eggs, white, spotted mostly at the large end with black. It also contained 2 Cowbirds' eggs. Took the following description of the old one: line through eye black; line above eye white; underparts whitish; upperparts olive green. Crown grey, bronzed with black; bend of wing white.

Found a East Flycatcher on a maple sapling that leaned over so much the top branches were horizontal. It was saddled to one of these. I reached it by climbing a larger tree and bending it down. It was made of leaves grass and hair lined with feathers forming a compact cup. It contained 4 eggs, white with a yellow tinge. I had gone only about 20 feet before the female went back on. Took the following description of another one. Breast white; back olive-brown; two white wing bars; it called *chee* and was very restless. Heard one give a note of alarm like *whit whit*.

Found a Black-billed Cuckoo's nest in a gooseberry bush about 3 feet from the ground. It was made of twigs and was lined with a fuzzy weed flower cluster. It was flat.

Dr.

Treasurer,

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				It contained 2 blue eggs smaller than those of the yellow-bill.		
				On my way home I found a Scarlet Tanager's nest in a small elm along the road. It was about 6 feet from the ground. It contained 2 Tanagers and one Cowbird's egg. Then I went home.		
				June 8, Thursday. This morning after breakfast I started for J. Hackett's woods. By Randall's block there were a number of Chimney Swifts flying around. They would circle around and then catch the twigs of a dead oak in their feet as they passed.		
				On the edge of the woods I found a Black-billed Cuckoo's nest. It contained 4 eggs of unusual size. They were nearly as large as those of the yellow-billed species.		
				A Least Flycatcher in flying from one tree to another gave a note like <u>ca-th-r-r-r-r</u> .		
				Took the following description of a Yellow-billed Cuckoo: end of tail white; line from eye to bill black; crown grey.		
				Went over across the railroad track to the peninsula. There was a flock of Cowbirds feeding in the open. The female gave a note like <u>pe-e-e-e</u> .		
				Took the following description of a male; Head coffee brown; rest of plumage black. They gave notes like <u>see-e-e</u> . The males gave a bubbling song like <u>but-hill-o-see</u> with puffed out feathers and spread wing & anal tail.		
				Went back on the other side of the river. Found a Robin's nest in a hole in a tree. One-half of the tree had split off leaving the cavity.		
				Then I went home.		
				June 9, Friday. This morning I was down by		

in Account with District No.

Cr.

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Month.	Day.	Year.				Dolls.	Cts.
<p>Seeley's. Saw a Male Barn Swallow sing while sitting on a wire fence near his nest in Lange's barn.</p> <p>There was a King bird's nest in an oak in front of Seeley's. Took the following description of one of the birds; upperparts olive brown; head and tail black; white band on tip of tail; underparts white; The breast is darker than the belly. They would sally out for passing insects every little while and caught them with a loud snap of the bill. When it got a large one it bruised it on its perch before swallowing it. A Bobolink chased its mate near one of them. It flew at the Bobolink and made it light on the ground.</p> <p>Went down in the marsh. A male Red-winged Blackbird was much excited. He called che-che-tuck tuck walking around on a fence post. A male Baltimore Oriole flew by. His outer tail feathers were orange.</p> <p>Went up by Gray's. Found a Scarlet Tanager nest in an oak. The female called chip chip. I could not reach the nest. I then went home.</p> <p>This afternoon I went over in J. Hackett's woods. Found a Catbird's nest with 4 eggs in it. Noticed that the Black-billed Cuckoo's eye circle are red. A ring around the eye is white in the Yellow-billed Cuckoo.</p> <p>Found a Red-eyed Vireo's nest with 2 of its own eggs and 2 Cowbirds eggs. Took the Cowbirds eggs. I then went home.</p>							

Dr.

Treasurer,

WHEN RECEIVED.			FROM WHOM.	ON WHAT ACCOUNT.	AMOUNT.	
Month.	Day.	Year.			Dolls.	Cts.
<p>St. Paul, Minnesota.</p> <p>June 10, ^{Sat.} This afternoon I started for St. Paul. Saw numbers of Red-winged Blackbirds and some nests on the way.</p> <p>June 15, Thursday. This morning I went out to Lake Elmo. Some boys and I rowed across the lake. Found a number of Red-winged Blackbirds nests among the rushes. Some were empty. Others contained eggs. They gave notes like <u>ker-tick</u> and <u>tinck</u>.</p> <p>June 16, Friday. This evening after supper I spent in watching Nighthawks near the house. There were thousands of them. One would flap and flutter a short distance and then utter a <u>peent</u>. I was watching one when it turned down and flew very fast towards the ground. As it neared it, it turned up. As it turned it made a roaring noise like the wheel of a wagon rubbing on the box. The noise was made by the wings. When it gets near the turn up it makes its body horizontal and the air rushing through the wings makes the sound. It is not always that it can do it. I saw one miss several times. I think that one had a nest on the flat top of the house. I was watching one when it suddenly came down level with the trees and gave a nervous excited note like <u>kit kit kit kit</u> while it flew along erratically like this ; 3 ascending and 1 descending.</p> <p>June 17, Saturday. I hear a Robin with a noticeable song every day from my window. It has notes in its song like <u>whut whut turoo</u></p>						

in Account with District No.

Cr.

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In the next yard is a family of Red-headed Woodpecker. They get on the top of some high place and give a note like kwir. It is hard to represent.

Went down the Mississippi river in a steamboat this morning and up the Minnesota. A new railroad had been run through and cuts had been made in the soft sandstone. Bank Swallows had built or dug their nests here by the hundreds. The openings were all the way from 2 to 5 inches in diameter. The swallows flew in without stopping. Sometimes two would go in, one after the other.

June 17, Sunday. This afternoon we walked from the cable-car to the new house. Saw a Western Meadowlark on a telegraph wire. Its song was like the common species except for a few bubbling notes at the end. It was very wild. It gave a note like tick two or three times. It flew like the common species.

This evening the two Nighthawks flew high up in the air and circled around for some time. Then they separated and the male flew higher. Suddenly he rushed down and boomed beside her and flew up again. He did it several times. He was showing off. When they are flying the white mark on the wing is very conspicuous.

June 20 Tuesday. Went out to Minnehaha Falls this afternoon. Saw a female Golden-winged Warbler in a patch of brush east of the falls. It was a new bird to me. Crown yellow; wing bars yellow; underparts whitish; line through black; back dark slaty gray; note sharp chirp. It flew in a bush looked at me and then flew along ground.

Dr.

Treasurer,

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Month.	Day.	Year.			Dolls.	Cts.
June	22,	Thursday.		When the English Sparrow goes to alight it spreads its tail to stop its momentum. Saw a male and a female on the sidewalk on Ninth Ave. The male spread his tail and drooped his tail ^{wings} and strutted around chirping loudly but she picked him whenever he came near.		
June	23,	Friday.		From my window I can see a cupola surmounted with a horse and an arrow for a weathervane. This is a favorite place for all kinds of birds. This morning the Robin with the queer notes in his song was on it. His mate sat on the horse and he was above on arrow. After them a male cowbird lit for an instant uttered his song and left. Next a Red-headed Woodpecker called and drummed a little. And last but not least came the <u>saucy</u> House Sparrow.		
June	30,	Friday	North Freedom.			
June	30,	Friday.		This afternoon I went down in the fields. Saw a Phoebe sitting on a wire fence near the river. Took the following description of it. back and tail, light olive brown; head darker; underparts white washed with yellow; it jerked its tail. It flew with a bobby chickadee like flight and made in the air and on the ground after insects. Sometimes it hovered for an instant like a King bird.		
In	Maine's	woods	I found a Brown Thrasher's nest in a thick clump of prickly ash. The old one uttered a low <u>wa</u> as she slipped off. Farther off a Kissing note. And lastly a whistled <u>Whew-a</u> . The nest was made of sticks and leaves and lined with fine grass. It was quite bulky. It contained 4 eggs. bluish white thickly spotted with fine cinnamon brown and yellowish on			

in Account with District No.

Cr.

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Month.	Day.	Year.				Dolls.	Cts.
<p>one ind. Sat down to watch it. A Song Sparrow came and sang and then dove into the bushes beside me and started to hunt for food but saw me and flew away and another did the same. The old Thrasher did not come back. The mosquitoes nearly ate me up. The male came and surveyed me closely. Took this description of him. underneath white; side and neck streaked and spotted with black; black line dividing white of throat from cinnamon brown ^{head} upper parts cinnamon brown; and cheeks grayish. When the mosquitoes drove me out he greeted me with a few words of song. Found a Robin nest in a small apple tree on the farther side of the slough. It was in plain sight and was not protected from the sun. Sat down to watch it. Catbirds, Cowbirds and though it was 2 miles from any house. English Sparrows were present. Suddenly the robin lit on the edge of the nest but saw me and flew off uttering a loud chirp. She scolded me from a tree nearby. Then I went on.</p> <p>Heard an English Sparrow give a note like the cry of a Thrasher as it flew.</p> <p>Saw two Flickers on a fence post bobbing and bowing to each other. They were on opposite sides of the post and it looked as if they were playing peek-a-boogiving a note like <u>whick-ah</u> all the time. They flew with a bounding flight.</p> <p>I was watching a warbling Vireo when it caught an insect on the wing with a loud snap. It was 20 feet away and I heard it plainly.</p> <p>Took the following description of a Wood Pewee. underneath whitish; breast darker; upper parts</p>							

Dr.

Treasurer,

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Month.	Day.	Year.			Dolls.	Cts.	
				olive brown. When it flew it uttered a conversational note like <u>chewitt</u> <u>chewitt</u>			
				Found a Catbird's nest the outside of which was composed of bark. It contained 2 young and 1 egg. Then I went home. ———			
				July.			
				July 1, Saturday. This afternoon I went down in the fields. Took the following description of a Bobolink; underparts, head, tail and patch on back black; lower back white; upper back, nape and shoulders ochraceous buff. Visited Thrasher's nest. Bill black; lower mandible yellow; eye ball yellow; bill slightly curved. Then I went home.			
				July 2, Sunday. Went across the river this afternoon. By the bridge there were a flock of English Sparrows. There was one freak. The end half of its wings and rump were pure white. The brown on it was lighter than on the others. Saw a flock of about 50 Cliff Swallows circling excitedly about high in the air. They gave notes like <u>put weet</u> , <u>twa</u> , <u>tweel</u> , and <u>cha</u> given hurriedly. Heard a loud flapping noise and paused to see what it was. A Chimney Swift flew along the river and dipped into and made the noise by flapping his wings to get the water off from them. They hit its body. Saw a female purple Martin dip and drink. Found a King bird's nest in the top of a basswood standing in the open beyond the ravine. One of the old ones sat on a branch near the nest which contained nearly grown young. It saw			

in Account with District No.

Cr.

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an insect and went after it. The young immediately began call. Their notes were much like those of the old ones only lower. It collected several and beat them on a fence. When she (?) had enough she (?) flew to the nest. The male (?) was then feeding the young. She flew right at him and knocked him off the nest. Then he caught a large dragon fly and flew to a branch above me and proceeded to bruise it.

When they came to feed them they generally sit on a small dead branch and leaned over and gave the food to the young. They both have the white tipping to the tail.

21 The quack note is a loud clear whistled Ah "Bob White". The first note can only be heard close by.

A blue jay came into a king bird tree and they went for him. He evidently did not want to go out of the tree and for a good reason, because as soon as he left it both of the king birds pitched into him. He flew back and they chased him out again. I could hear the loud snaps of their bills. The buck refuge under a rock on a fence and waited until they went away when he flew off.

6th June. This morning I went down in the fields, heard a pheasant give its alarm note which sound like teemp.

I saw some Maryland yellow throats which are yellowish on the underparts a black band extends from ear to ear upper parts olive brown.

Dr.

Treasurer,

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Month.	Day.	Year.			Dolls.	Cts.
1899	July 6	Thurs.		I went over to a Thrasher's nest Three of their young have hatched. The old bird gave a hissing sound when I came near. Found a Song Sparrow's nest and watched it. There were five young in it. It was in a low hazel bush. I climbed a small boxelder tree that over- looked it. While the mother fed another they chirped at her. I found that a Tanager's nest that I had intended to watch was empty and had a round hole through the bottom as if a snake had broken in and eaten the eggs. I went over to the Robin's nest. She made no protest while I was near but would not stay on the nest. Went on along the river bank. Found a Mourning Dove's nest on the horizontal branch of an oak. It contained 2 pure white eggs. The female's head was fawn color. spot beneath ear, and eye, black. Then I went home. This afternoon I went over across the river. Found an English Sparrow's nest in a hole in Petty's shop. It contained 6 eggs. They had very few spots. Saw the great English Sparrow again by the bridge. It was a female. The tail, primaries, underparts, back and rump were white; head light brown; rest of upperparts brown. The Warbling Vireo sometimes gives an unmusical squawk in its song like chit chit chit chit I heard one beyond the bridge. The young King bird have left the nest. Their voices are much stronger.		

in Account with District No.

Cr.

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cln the farther woods I saw 4 or 5 young Red-headed Woodpeckers that had just left the nest. The head was slate grey. When begging for food they give a hissing note like c c c c. They also have the tree-toadlike note. One preened its feathers and bobbed like a Flicker. Between feeding times it got insects from the bark. They can fly quite well. The old ones got the food either in the air or on the ground. The climbs trees by jumps catching their claws in the bark and then falling back on the tail. When the old ones sit with thier backs to me they resembled bobbers. They seemed to jerk the tree toad like notes out. Then I started back.

I found a King birds egg in a Chipping Sparrow nest in a bush near their tree. It was deserted. The egg was addled. It was probably ready to lay before the nest was completed or after incubation had commenced. Then I went home.

July 11, Tuesday. This afternoon I went down to the ditch. Heard a Maryland Yellow-throat give a song like pretty cute pretty cute varied to cute pretty cute pretty. repeated 5 or 6 times.

After supper I laid in the shade of the corn over by Mrs. Russell's and watched Chimney Swifts. The had young in the church chimney by their actions. When one wanted to go down it it would fly about 6 feet about it and 4 feet to one side and go towards it on a slant tipping up with each side alternately to stop its speed. When it got above the opening it would hold its wings straight up. Sometimes 10 or 12 went down and suddenly mounted high up

Dr.

Treasurer,

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<p>came to the level of the trees in bunches of one or two July 13, Thursday. This morning early I was over in Mr. Fisk's shop sawing some boards. A bird lit in the oatfield back of it in plain view of the window. It came closer and I saw that it was a young Baltimore Oriole. Its tail was long. Another lit near by and the father came and fed them. They fluttered their wings as all young birds do while being fed and chirped all the time. He fed them little green worms and bugs. Once he brought a cutworm but ate it himself. It had been raining and one drank the drops and even came to the window sill. It did not seem to recognise me. The other flew to a weed that would not hold its weight. It bent way down before the bird would change its perch. Mr. Fisk put his hand on the glass and the Oriole on the sill looked at it for a moment + then flew away.</p> <p>July 14, Friday. Went hunting this forenoon over across the rail road bridge. Found a Song Sparrow's nest on the bank of a little slough just as I left the woods. It was in a slight depression covered by a tall bunch of grass. The old bird flew out, ran along the ground and then flew into a tree. She was not much alarmed. The nest was made of light colored grass. It contained 4 eggs; bluish white spotted with varying shades of rufous brown. The darker spots were mostly in a wreath around the large end. The old one came back while I was there and showed more concern. I came back to get my rifle and she ran a rod before taking flight after leaving the nest. Then I went home.</p>						


in Account with District No.

Cr.

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July 15, Saturday. This morning I went down in Mr. Fisk's meadow. It had just been cut. Found a meadowlark's nest that contained 5 eggs they were sucked. The nest had no covering over it.

July 17, Monday. This afternoon I went over across the river. Saw the young King birds. They had a band of greyish white across the breast. Found a Robin's nest with one young bird and 2 eggs in it. Then I went home.

This evening went out by the corn and watched Chimney Swifts again. They sailed with the wing held straight, or held above the back or below the body like . One has lost one of its wing feathers and I can tell it from the rest. It has young down the chimney as it goes down frequently. It only stays down about a minute.

The common note is chipper chipper chip chip chip. The last 3 are uttered with pauses between of some length. They talk all together as they fly around. Sometimes their wing makes a flapping sound and more rarely they whistle. Once one started to go down the chimney it decided not to when its wing was so close that they touched the bricks. Most of them roosted in this chimney as twilight came on. They dropped down silently one by one.

July 18, Tuesday. Went out to watch the Swifts this evening while it was quite hot. Only one swift was sailing round. They ~~do~~ come out in the morning or evening unless it is quite hot. They were back when the shadows were long.

A Robin lit on the topmost spray of a Norway Spruce nearby. I noticed the white thumbmarks 2 in number on the end of its tail. It sang

Dr.

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				like lurly turly ter turly tur , whete wher whete whil tur . Others nearby varied. I wondered how it could stand on the <u>foothold</u> it had.		
				July 19, Wednesday. This afternoon I heard a Bluejay give an alarm note like <u>tēlē</u> .		
				July 22, Saturday. This morning I took a ride over in Terry town. Saw a Song Sparrow spring from the top of a willow and when about 50 feet up it began to sing to while hovering like a Bobolink.		
				This evening I heard several young Rose-breasted Grosbeaks calling. They gave a plaintive note like <u>whēūr</u> .		
				Heard a Mourning Dove whistle and when I looked up it was sailing along with its wings still whistling. It sailed about 150 feet.		
				July 24, Monday. This evening I was over by Mrs. Pettys. Saw a young Mourning Dove in an oak near the parsonage begging to be fed. It fluttered its wings and uttered a hissing note. It flapped its wings on its back put them around the old one and even jumped on her back and in front of her. She uttered a low remonstrating coo but at last took its bill in her own and writhed her neck and body several times. It looked as if she was pumping it full. When it wanted to be fed again she flew away. The nest had been in the same tree.		
				July 30 Sunday. This evening I noticed that the Mourning Dove's tail is graduated. The tips of the feathers were white.		
				Heard a Meadowlark give a note like an indrawn <u>whēē</u> .		

in Account with District No.

Cr.

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Heard an American Gold finch give notes like
pe te, te te, pe te, te te.

Saw an ~~Amolig~~ o Bunting sing in the air. It
gave a sharp spit before the song. When it
had finished it pitched abruptly to the ground.

August.

August 6, Sunday. This afternoon I went down in
the fields. Saw a flock of about 6 Bluebirds. Their
note was a hoarse turee.

Heard a Meadowlark give a harsh note of alarm
while on a shock of oats. It probably had young
near.

Saw an American Goldfinch sing on the wing.
its flight was direct while singing. The wings
were opened and closed very quickly.

August 9, Wednesday. This morning before breakfast
when I was cleaning out the barn a Robin lit
in the drive way. The floor was covered with chaff
from a load of hay that had just been put in the
mow a day or two before. The Robin ran about
inside getting insects. She went under the buggies
after crickets and came within 10 feet of where
I was pitching out straw.

This morning I went hunting over in L. Vols. A
female Marsh Hawk flew over with a screaming
kee-ey-er-er. Some Bluejays mocked it so closely
that I could hardly tell the difference. I took
a snap shot at her at long range but missed.

Her mate joined her. She dashed down through
a tree after a squirrel. I shot again and got
the squirrel but not her. The white rump
was a conspicuous mark. They flew low.

Dr.

Treasurer,

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<p>There were about 35 Barn Swallows under the bridge. They were mostly young ones. One note that they gave sounded like <u>peep peep</u>. The twittering song was very pretty when given in concert. The old ones stuck to the rough limbs like in Woodpecker fashion.</p> <p>August 13, Sunday. This morning I timed a Bob-white. It whistled <u>once</u> in 8 seconds.</p> <p>August 14, Monday. This afternoon I climbed into a wild Black Cherry tree. First a Robin came. She would grab one and fly off as if afraid of detection. The tree was in Drapers meadow. She was followed by several others.</p> <p>A yellow-throated Vireo came. Took the following description of it. Back olive green; head lighter; wing bars, two; white; breast yellow; it gave the common harsh note and another harsh one like <u>chee chee chee chee</u>. It ate the cherries.</p> <p>The Catbirds scolded from the bushes for some time before they came. The short tailed youngsters acted just like the old ones. It was amusing to see them.</p> <p>August 15, Thursday. This afternoon I went down to the plum orchard about 5.00. Saw a Least Flycatcher. It gave a conversational note like <u>whit whittle whittle</u>. It was generally given on the wing. Sometimes it flew along a limb. Its flights were generally short. Then I went home.</p>						

F. a. Wetmore
Copied from Oct. 6

(This is a copy of data in
"Treasures" book)

June 30-

1899

1.

June 30, Friday (con.)

A Song Sparrow came and sang and then dove into the bushes behind me and started to hunt for food but saw me and flew away and another did the same. The old Thrasher did not come back. The mosquitoes nearly ate me up. The male came and surrounded me closely. Took this description of him, underneath white; sides + neck streaked and spotted with black. Black line dividing white of throat from cinnamon brown of head; upper parts cinnamon brown; anal coverts grayish. When the mosquito dove me out he greeted me with a few words of song. Found a Robin's nest in a

Small apple tree on the farther (2) side of the stream. It was in plain sight and was not protected from the sun. Sat down to watch it. Catbirds, Cowbirds and - though it was quite a ways from any house - English Sparrows were present. Suddenly the Robin lit on the edge of the nest but saw me and flew off uttering a loud pump. She scolded me from a tree nearby. Then I went on.

Heard a English Sparrow give a note like the cwa of a Thrasher as it flew.

Saw two Flickers on a fence post, bobbing and prying to each other. They were on opposite sides of the post and it looked as if they were playing peek-a-boo giving a note like whick-ah all the time.

They flew with a bounding flight. 3.

I was watching a Warbling Vireo when it caught an insect on the wing with a loud snap. It was 30 feet away and I heard it plainly.

Took the following description of a Wood Pewee: underneath white; breast darker; upper parts olive brown. When it flew it uttered a conversational note like churr-churr.

I found a Catbird's nest the outside of which was composed of bark. It contained two young and one egg. Then I went home.

July

July 1, Saturday.
This afternoon I went down

in the fields. Took the
following description of a Bobolink:
Head, underparts, tail and patch
on back black; lower back white;
upper back, nape + shoulders
schraceous buff.

4.
Visited the Thrasher's nest. bill
black; lower mandible yellow;
eye-ball yellow; bill slightly
curved.

Then I went home.

July 2, Sunday.

Went across the river this
afternoon. By the bridge there
were a flock of Crutch sparrows.
There was one pair. The end half
of its wings and rump were
pale white. The brown on it was
lighter than on the others.

Saw a flock of about 30 Cliff
swallows circling excitedly about
high in the air. They gave notes
like put-wut, twa-twa-twa + cha.

given hurriedly.

5.

Heard a loud flapping noise and paused to see what it was. A Chimney Swift flew along the river and dipped into it and made the noise by flapping his wings to get the water off from them. They hit his body.

Saw a female Martin dip and drink.

Found a Kingbird's nest in the top of a basswood standing in the open beyond the ravine. One of the old ones sat on a branch near the nest which contained nearly grown young. It saw an insect and went after it. The young immediately began to call. Their notes were much like those of the old ones only lower. (The old one) it collected several and beat them on a fence.

When she(?) had enough she le.
flew to the nest. The male(?) was
then feeding the young. She flew
right at him and knocked him
off the nest. Then he caught a
large dragon-fly and flew to a
branch above me and proceeded to
bush it.

When they came to feed them
they generally sat on a small
dead branch and leaned over and
gave the food to the young. They
both have the white tipping to the
tail.

The male's note is a loud clear
whistled ah Red white. The
first note can only be heard close
by.

A Bluejay came into the Kingbird
tree and they went for him. He
violently did not want to go out
of the tree and for a good reason,
because as soon as he left it

Both of the Kingbirds pitched 2
into him. He flew hard and they
chased him but again. I could
hear the loud snap of their bills.
The Jay took refuge under a
rail of a fence and waited till
they went away when he flew off.

July 6, Thursday.

This morning I went down in
the fields. heard a phoebe give its
alarm note, which sounded like
timp.

saw some Maryland Yellowthroats
which were yellowish on the under-
parts, a black band extends from
ear to ear. upper parts olive
brown.

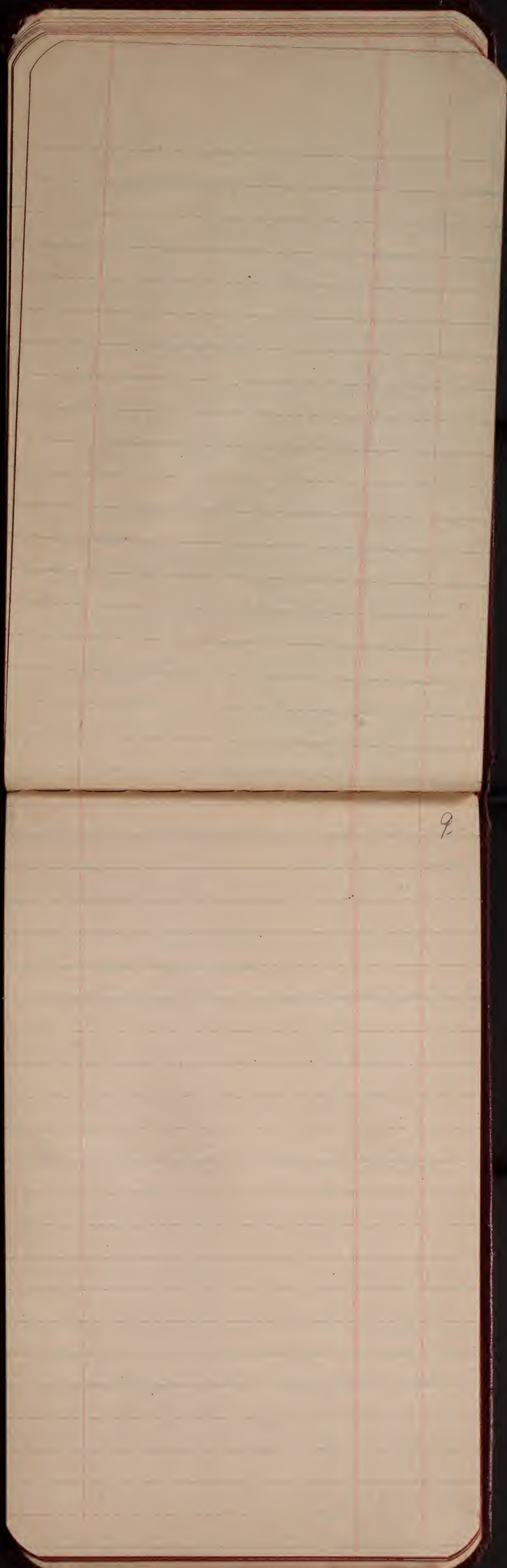
Went over to the Starling nest.
Three of the young have hatched. The
old bird gave a hissing sound
when I came near.

Found a Song Sparrow nest
and watched it. There were five

young in it. It was in a low 8.
May bush. I climbed a small box-
elder tree that over looked it. While
the mother fed another they skipped
at her.

I found that a Jay's nest
that I had intended to watch was
empty and had a round hole through
the bottom as if a snake had broken
in and eaten the eggs.

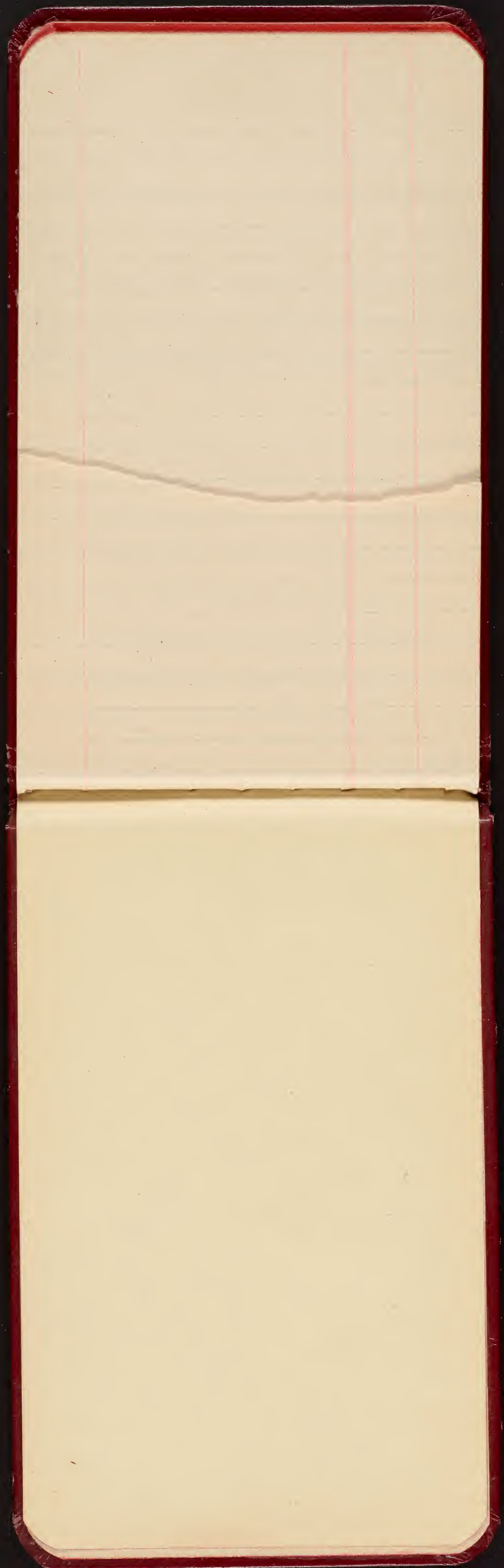
I went over to the Robin's nest.
She made no protest while I was
near but would not stay on the nest.
Went on along the river bank. Found
a Horned Lark's nest on the horizontal
branch of an oak. It contained two
pure white eggs. The female's head
was fawn color. Spot beneath ear
and eye, black. She flew home.



9

69

76



1325

F. A. Wetmore.
Copied from Jan 4-13 1904.

1325

This is a copy of data in
"Treasure" book.

Jan. 2, 1898 - June 30, 1899.

1898.

January.

January 2, Sunday.
The male English Sparrow
has a black patch on his
throat that the female lacks.
She has more sober plumage.
They are making love now.
I saw one hopping around
the female as she sat in a
mistle in our yard. He
drooped his wings and spread
his tail to show his finest
feathers and chirped.

January 12, Wednesday.
This morning it was quite

2

cold. Went down in Mit Main's Woods. Saw a flock of 2 or 3 Chickadees in the plum orchard. Took a description: Crown and throat glossy black; back ashy; underparts white; The middle of the belly had a slight reddish tinge. They were very tame and allowed me to get quite close. They were always on the snow for something to eat.

February.

February 7, Monday
A Chickadee came to a pile of wood by the back door this morning. He hung on the sawed end of the wood and picked out larvae. They were covered with sawdust and he dug it out.

3

When he got a small one he ate it up but he flew off with the large ones. He picked a little at a bone too.

February 27, Sunday.

The little quats were dancing their low dances this afternoon. One by one a pair of White-breasted Nuthatches were catching them. They would start from an elm branch and circle through them, coming back to the same perch.

April.

April 10, Sunday.

This afternoon I went down in the fields with Wags.

4.

Down by the Ravine I scared up
a Meadowlark. It lit on a post
and I sat down to watch it.
The belly was white; breast yellow
with a black crescent on it; the
back was streaked with black and
brown. It had a curious way
of moving its bill.

Crossed the ditch and two
wire fences. In a post I saw a
male Song Sparrow. It had a
black spot on its breast a little
larger than a pencil surrounded
by stripes of the same color;
belly white. It sang.

While crossing another fence
I heard a drumming noise
and saw a Flicker on a dead
limb of an elm. It had red on
the back of its neck. The tail was
short and was used to brace
with. It drummed and gave

2.
a note like whick an, whick an,
howing all the time.

While looking for a Song Sparrow in a brushpile I saw a Dusky Duck on the river. I stood on the bank and watched it as it swam around in front of me for some time. After a little it flew up stream and lit again. Then I went home.

April 19, Sunday.

This morning a Chipping Sparrow was in the yard. The crown was reddish brown; back streaked with black and brown; underparts grey; the bill was black.

Over by Mrs. Pettys I saw a pair of yellow-bellied Woodpeckers. They had red on the throat and head. They had drilled holes in a Norway Spruce.

May.

May 15 Sunday.

This afternoon I went down in C. Vols woods. Just beyond the spring I saw a male Rose-breasted Grosbeak. Its breast was a rose-red spot, belly white; head and upperparts black; wings barred with white; bill large, white. Its song sounded like that of a Robin.

By a rail-fence in a bush-pile was a flock of White-throated Sparrows. They were nearly as large as an English Sparrow. The song was a sweetly whistled d-d-pea-body pea-body. They were quite tame. I watched them for some time from behind a stump.

On the further side near the river I saw a scarlet tanager. Wings and tail black; rest of plumage bright scarlet. The call note was a metallic chiff churr. Once he went down to the ground but generally he kept to the trees.

Started for home. By the swimming-hole a Belted Kingfisher flew by me. Then I went home.

- May 23, Monday.

Went down in the fields. Found a Robin's nest by Harris' slough in a clump of bushes. The outside was coarse grass. The interior was mud cup lined with fine grass. It was about $5\frac{1}{2}$ feet from the ground. It contained 1 blue egg. Farther on I found a Catbird's

nest in a thornapple tree.
 It was about 16 feet from the
 ground and was made of
 fine weeds and grass. It
 contained a rather long
 egg smaller and darker
 colored than that of a Robin.
 By the bend two Bank
 Swallows had their nest. The
 hole was long. Belly white;
 grey band on breast; throat
 white.

June.

June 5, Sunday.

Went down the track this
 afternoon. It was quite hot.
 By the way a Bluebird flew
 out of a post. She nearly
 hit me in the face. The nest-

7.
about a foot from the top -
was made of fine dried
grasses and contained
four pale blue eggs. The
male was blue above; breast
reddish brown; belly white;
tail blackish underneath.

In Vogel's marsh I saw a
Catbird. Its head and tail
were black. The tail was long.
When it was excited it jerked it
up and down. It imitated
other birds in its song.

Went across the fields to
H. Hackett's. Saw a Red-winged
Blackbird. Gen Hackett called it
a Black jack. It was black.
The shoulders were red bordered
by light orange. Its alarm
note was chick chick. The
song was like hi wa kee
thun d went home.

June 11, Saturday.

This afternoon I found a Robin's nest in a maple west of the house. English Sparrows had built right over it. Went up by Carpenter's and found another like it in a box-elder. There were two Robin's eggs in it. They were in the Sparrows nest.

June 24 Friday.

Went down in the fields after school. Saw a male Bobolink. It flew while singing. It kept walking around on the top of a post uneasily and giving the alarm note.

Went on down to the river. On a dead Willow about five feet above the water was a Kingbird's nest. The willow had fallen on the crotch of a bush.

11.
and hung over the water. The nest was made of small weeds, roots, strings and fibers and was lined with small brownish roots. It contained one young bird covered with down and one white egg spotted with chocolate.

Then I went home.

July.

July 31 Sunday.

This afternoon I went over across the river. Saw an American Goldfinch on a tree. The back and breast were yellow; belly and rump white; tail and crown black; middle tail-feathers white; bill rose white. Its note was ~~pe chee~~ ~~chee~~ ~~chee~~.

Under the bridge was a flock of

Cliff Swallows mostly young.
 Sometimes an old one would
 push a young one away and
 alight in its place. They
 kept calling tut tut and cha.

1899.

January.

January 7, Saturday.

This morning it was warmer.
 Bundled up well and went down
 in the woods. There were a few
 inches of snow on the ground.
 Crossed the river and went nearly
 to the farther side of the peninsula.
 Watched a flock of Chickadees

feeding for some time. They searched every available place for larvae.

Some larger birds did for an instant in a tall tree and then flew over to *Q. Rackitts* *peninsula*. I followed. Soon I came upon a flock of them. They were turning prosoals.

The males gave a single loud note and the females chattered like Cedar Waxwings.

There were about 25 of them. They were quite wild. Suddenly they flew off. The woods were deserted and the chilly wind struck to the bone!

I went home hoping to see them again.

March.

March 8, Wednesday.

This morning a White Breasted Nuthatch was singing in the back yard. Then he flew away with the customary *ya! ah! ah!*.

March 9, Thursday.

This morning a small flock of Redpolls were out in Peter's Garden feeding on pigweed seeds. Sides and breast light red; crown red; chin, throat and belly white; wings barred with white; tail black, notched. The bill is yellow. They hung head down from the tips of the weeds and fed. They have a note like that of a Goldfinch.

March 25 Saturday.

This morning I saw a

15.

half dozen finches by sparrow.
 Its bill is yellow; belly white;
 head blackish; outer tail feathers
 white. Its song was like
sweet-o sweet-o chip chit chit to
chee chit chit to to to. It
 can only be heard about 35
 yards. The ordinary note was
chip. When flying it spread
 its tail and showed the
 white feathers.

April.

April 2, Sunday.

Went down in the tubs this
 morning after breakfast. By the
 catch on the life beam, two
 tree sparrows. The top of the head
 was reddish brown; rump grey;

back streaked with brown; underparts whitish; indistinct black spot on breast; middle of tail black. The common note tee. They sang sweetly. They flew along the ground so fast and kept under cover so well that they would hardly be noticed. They fed this time nervously.

April 9, Sunday.

This afternoon it was bright and sunny. Clarence Cook and I went over on the island. Saw a Robin on a patch of grassway. Its breast was reddish brown; belly white; back dark slate; Crown and tail black; primaries and secondaries browner than back; pupil around the eye white; bill yellow. When it ran fast its head was level with its body.

April 16, Sunday.

This morning I went down to the ditch below the school house before breakfast. A male Goldfinch lit in a little box - elow and began to sing. Here is the song:
subuty sweeter sweet. tooey tooey
peel - e - e also per che o me shu
we per che o me. Then I
 went home.

April 18, Thursday.

Went down to the river before breakfast. Crossed Fisk's Meadow and quietly approached the fence of Lawton's pasture. A Flicker was hunting on the ground a rod or so off. Head and throat fawn; back brownish; breast fawn spotted with black; triangular red spot on back of head; Rump white; under side of wings

18.
golden-yellow; bill black; yellowish
on end. The tail was used as a
trace. The rump showed conspic-
uously in flight. It was eating
ants.

April 14, Friday.

Went down in the fields before
breakfast. There were not many
birds about. A Long Sparrow
sang while hunting on the ground
for food.

April 15, Saturday.

Shot a male Pongol Grackle
this morning. Crown and neck
steel-blue with reflections; Primaries
and secondaries black; tail long
and black; back black with bronze
reflections; underside of wings
black; breast same as back; eye-balls
yellow; bill and feet black; legs

strong. The common note was an automatic *Spurche* given with spread wings and tail.

April 20, Thursday.

Shot a Ring-billed Gull this morning. Back light blue; belly white; breast drab; wings blue; tertials tipped with white and barred with black; secondaries same; outer tail feathers tipped with white and barred with black; lower black; line around neck and extending down the breast black; under tail coverts white; crust blue. The tongue was slightly notched at the end.

April 22, Saturday.

Saw (and shot) a Killdeer in Draper's pasture by the bridge.

this afternoon. It was white underneath; breast white with two broad bars of black; throat white; bill black; crown light brown edged with black; back grey brown; feathers edged with ochraceous buff; rump a rather reddish buff; tail spots tipped with brownish white; rest black; underside of wings white; primaries and secondaries black barred with white; toes three; first and second slightly webbed; third free; legs rather long.

April 23, Sunday

This morning I saw a Purple Warbler in our west yard. It was a male. Side with stripe of black; crown black; belly white; sides striped joined on breast; lower breast yellow;

21

lower black. Throat white; outer
tail feathers yellow; rump white;
back dark olive brown. It gave a
note like chick and caught insects
on the wing.

(identified at first as the Black Poll
Warbler but have since made up
my mind that it was a
Myiitta, both from the description
which agrees in most particulars
and from the date.)

In the front yard a female
Ruby-crowned Kinglet was
hunting through a Norway
Spruce. Underside pale yellowish
green; back olive brown; wings
darker than back and barred with
white; crown olive brown. At long
intervals it gave a note like
chit-it. Sometimes it captured
insects on the wing.

Went over in J. Hackitt's woods
this afternoon. all had turned
colder. Saw a male Hairy
Woodpecker flying. At every
click it gave a loud rattling
note. When it lit it drummed a
little.

April 27, Thursday.

This morning there were half-a-
dozen Purple Martins flying
around the school-house. A
strong wind was blowing. One
would soar () & dipping
from side to side to balance.
A male held his wings stiff
and let the wind blow him
backwards. Once he tipped
over.

May.

May 2 Tuesday.

This morning it was raining but a song Sparrow sang. It gave two songs with a pause between them.

May 3, Wednesday.

This morning before going to school I saw a Catbird fly from one of our trees with a quick up and down motion as if it were turning somersaults. It sang all the time. When it lit it puffed out its wings and tail and feathers. Then it sang faintly and acted as if it was wounded. An English Sparrow was watching it. The Catbird

24

Gave a Blackbird-like chuck and made as if to pounce on the sparrow which flew away.

Over on the school-ground I took the song of a Song Sparrow: chip chip chip pūr sē tāy yō. sip a tūr was sometimes added after a pause. When I would think that the song was ended by the inflection a few more notes would be added.

May 4, Thursday.

This morning I saw a male Robin Warbler in the trees near the house. I took this description of it: Ring around neck bright orange yellow; crown chestnut; underparts yellow streaked with rufous; line over eye yellow; underside of tail and belly

22

soiled white; wing-bar white;
black line through eye; back finely
penned with brown; dark rufous
band on breast. Nearly as large as
an English Sparrow. The bill was
short and slightly curved. The
tail medium; notched. It got
something from the pine needles.
Generally as it started, if it
would give a metallic tink.

May 6, Friday.

This morning I found a
Crowned Grackle's nest in a Norway
Spruce by H. Smith's about 25 feet
from the ground. It was made
of coarse wood and grasses. The
inside was a cup of mud lined
with pine needles. Branches and
needles of Spruce were woven on
the outside. It contained three
light blue eggs spotted with

black. The larger spots were edged with chocolate. The spots would rub off.

May 6 Saturday.

This morning while looking at a female English Sparrow in front of Pettys' house, I noticed that it had a whitish line through the eye.

May 7, Sunday.

Found a Bluejay's nest in a little spruce in Mrs. Russell's yard. It contained one egg.

Saw a female Pine-breasted Grosbeak in a small tree in front of Pettys'. It was after breakfast. The large bill was yellow; breast yellowish, spotted with strong black spots; belly white; the spots on the sides are longer; line over

27

the eye white; back olive brown
feathers margined with buff.
It gave four notes; ick pick
ick pick.

May 8, Monday.
The female was on the Rhysa's
nest when I looked at it this
morning after breakfast. The
male was in the same tree. The
female stayed on the nest
until I was within three feet
of her. There were two eggs in it.
Heard a Palm Warbler singing
on the wing in the yard. It was
like true true two sound tink. The
common song that it gave while
hunting for food was a series
of zees.
Near by Crumblis, a male
Goldfinch was eating elm
kiss.

This evening I measured the
Bronzed Grackle's nest. Depth
 $3\frac{1}{4}$ inches; diameter 6 inches;
height 7 inches; circumference
15 inches. Noticed that the spots
were mostly on the large ends
of the eggs. Some of them were
purple.

May 9, Tuesday.

This morning I found a
Downy Woodpecker's nest in
Leish's field across the wagon
bridge. It was dug out of tough
wood in a dead maple. It was
pear-shaped and measured
as follows: depth 15 inches;
diameter of opening $1\frac{3}{4}$ inches;
width of hole 3 inches. There were
five white eggs on the shelves at
the bottom. Took one egg.

While up in the tree a female

Rose-breasted Grosbeak placed a few straws on a limb as the foundation of a nest. Her crown was streaked with black and white.

Towards the bridge I found a Mourning Dove nest in a box elder. It was made of roots and grasses on a foundation of straw. Depth $1\frac{1}{4}$ inches; height $2\frac{1}{2}$ inches; circumference 12 inches. It contained two white eggs.

On the same tree was a Chipping Sparrow's nest containing 5 blue eggs spotted with black and umbr. It was made of grass roots and pine needles on a foundation of grass and weeds. It was lined with pine needles and hair. Depth $1\frac{1}{2}$ inches; height

2 inches; width $3\frac{1}{2}$ inches;
 circumference 6 inches.
 Then I went home.

This afternoon there were a
 number of Cliff Swallows flying
 around the school-house. The
 tail was notched.

May 10, Wednesday.
 One of the Bluejay's eggs was
 stolen it was taken from the
 nest.

May 11, Thursday.
 The song of the Cliff Swallow
 sounds like squeaking leather.
 Heard it this afternoon on the
 school-grounds.

May 12 Friday.
 The other Bluejay's egg was

3/
sacked this morning. both
were removed from the nest.

May 13, Monday.
(Description of Brewster's Warbler
omitted as highly improbable)

Heard a song Sparrow down
by the ditch give the following song:
sit sit ~~sit~~ sit or se put or

After supper I went over on
J. H. Kitts' island. Took the following
Description of a male Redstart:
head and upper breast black;
sides orange; belly white; back
and wings lighter than breast;
wings barred with orange; tail
long; tipped with black; sometimes
rump yellow. The tail is spread
and shut nervously. The bird
was very restless & nervous

staying in one tree two minutes
generally much less.

Heard a Rose-breasted Grosbeak
give a note like whoi whoi.

Saw a male Rose-breasted
Grosbeak incubating. He did not
appear to be much frightened
at my approach at first. As
I turned to leave he gave the
alarm-note.

Then I went home.

Spring Migration list, 1899.

March 14. Robin.

April 3 Killdeer.

4 Bluebird.

5 Meadowlark

Sparrowhawk.

7 Song Sparrow.

Red-winged Blackbird

Bronzed Grackle.

- April 7 Mourning Dove.
 12 Phoebe.
 13 Flicker.
 14 Bank Swallow.
 Chipping Sparrow.
 White-bellied Swallow.
 28 North Warbler.
 Ruby-crowned Kinglet.
 29 Chimney Swift.
 Whip-poor-will.
 May 1 Baltimore Oriole.
 3 Catbird.
 Rose-breasted Grosbeak.
 4 Bobolink.
 Palm Warbler.
 6 Kingbird.
 Scarlet Tanager.
 7 Maryland Yellowthroat.
 10 Wood Pewee.
 12 Ruby-throated Hummingbird.
 Goldstart.
 14 Indigo Bunting.

May 16 Tuesday.

This morning after breakfast I saw some Purple Finches feeding on the cones on Petty's trees. Head reddish; back grayer; wings dull black; bar on bend of wing white; belly greyish-white; throat grey; bill yellowish black; tail short; notched; rump redder than breast; legs dull black; they hang head down sometimes while feeding. They gave a metallic tink tink!

Took the following description of a chipping sparrow in their yard: Crown reddish brown; underparts dull white; white line over eye; black line through eye; lower black; back brown streaked with black; tail fuscous; long; notched; two white wing bars; under side of wings greyish white.

While over on the school grounds I saw a Robin sing while it was flying. It was a whisper-song. It started from one tree and flew in a semicircle to the tree which contained its nest.

May 17, Wednesday.

This morning before school I went down on the island and dug out a Kingfisher's nest. The old one stayed on while I was digging. I reached my hand in the hole and she seized it and pinched quite hard. I pulled her out and took this description of her: bill long and sharp; black; underparts white; Band of rufous across the breast and down the sides; white band on neck; feet and breast steel-blue; band across upper breast

same; primaries and secondaries black, barred with white; rufous patches on under side of wing; tail black barred with a great number of white bars; small white spot on the breast; but small, not fat; the first and second toes were grown together for about half their length. The nest was about three feet from the opening. The cavity containing it was quite large. The nest was made of crab claws and fish-bones. It was some below the level of the hole and contained 7 white eggs. I took one. Put the old Kingfisher back in and she staid there.

This evening I found a Meadowlark's nest in Suky's pasture by the marsh.

It was in a clump of grass. There was a well-marked path used by the old one. She fluttered off and acted as though she had a broken wing. I marked the spot and followed her. She would give little hops in the air as though trying to fly. It contained 3 eggs.

May 18, Thursday.

At the morning recess I went down by the ditch. Saw a Maryland Yellowthroat; it had a black stripe extending over the eyes like a mask. The song it gave sounded like wichity, wichity, wichity varied to wichity. It begins in a low tone and gathers volume towards the end. The note

of alarm it gave was chimp
 given in a harsher manner
 than that of the Song Sparrow.
 Heard a Song Sparrow give
 an alarm note like chimp.

May 20, Saturday.

This afternoon I went down in
 Noel's marsh. Took the following
 description of a Vesper Sparrow;
 lower breast and belly whitish;
 upper breast and sides streaked
 with small brown streaks;
 crown brown streaked with
 black; back streaked; end of
 wing dull bay; tail notched;
 outer tail-feathers white.

Saw a male Rose-breasted
 Grosbeak. etc sides were spotted
 with black; bill large, yellow;
 tail notched. Chund went home.

May 21, Sunday.
 Heard a male Bronzed
 Grackle give two songs. The
 first was still varied to
stelt-chai. It was indrawn
~~except~~ the last. The other was
fu-chai. It was in the morning.
 Took down a number of Bluejay
 notes. One was a loud
pe-a-le-kul. One more that is
 pleasing is a high ring-tut-tut.
 One gave a low note like qui
 uttered in a low conversational
 note. This is also used when
 several get together.

This afternoon I went over
 across the river. Heard a male
 Red-winged Blackbird give a
 metallic note like ti-ti and
 another like tee-c-c-c given

in a shrill tone.

In the edge of the woods I saw a male Chestnut-sided Warbler. Its crown was yellow; line around it black; belly white; sides chestnut; back streaked with black; tail black; wings barred with yellowish white. Went on to the marsh. Two Killdeer were here. They were very noisy giving notes like trump trump tu tu tu. When I approached the marsh they would fall on their breasts, with spread tails and translucent wings giving a note like tr-r-r-r on a descending scale. Heard a weak note coming from the marsh. One of the Killdeer ran through the grass towards the sound. I marked the place and

41

approached. I could see nothing for a time but suddenly I saw a young one in plain sight on the mud. The crown and back were greyish brown; line around the crown black; line around neck and another on the color line between the back and the belly black; tip of wing white; lores white; underparts white. It could not stand upright its legs were so weak. Found three others. The father fed them & the mother tried to attract my attention. Then I went home.

May 22, Monday.
Went down in the fields after school. Heard a Vesper Sparrow give an alarm note like tsup. It was sharp and rather

42

metalic. Saw some song
sparrows. They were much
agitated and gave another
metallic note in connection
with their chink: like chink
chink.

Noticed that in some
Meadowlarks the song is longer
than in others. Then I went
home.

May 23, Tuesday.

This afternoon at recess I
went down by the ditch. Saw
a male Maryland Yellowthroat.
Its flight was like a
Chicadee. It would dive into
the weeds and suddenly appear
a few feet farther on. It would
flirt its tail and give its alarm-
note in the time it remained

43
in sight. When it sang its
wings and tail trembled and
the body shook.

Saw a female Rose-breasted
Groebak gathering material
for a nest. It lit on a weed
stem and then reached out and
bit off a small one. She did
this until she had four or five
in her bill. Each time she
made a chewing motion
with her bill to make room
for the next one.

May 25, Thursday.

This morning I went down
to H. Smith's and got that Bronzed
Groebak's nest. It was built on
top of the last year's nest. The
new one was a trifle smaller.
The outside was coarse grass and
weeds. Then came a layer of

44
mud. The nest was lined
with very fine wood-stems
and grass. The foundation
of the old nest was of mud.
Otherwise it was just the
same.

May 26, Friday.

Jim D. Raper and I went over
a bar on the river this afternoon.
Found a Red-headed Woodpecker's
nest in a stub by the Ravines.
It was about ten feet up. It was
an enlargement of an old nest.
Depth 18 inches; width at smallest
part 3 inches; wider at bottom;
diameter of hole $2\frac{1}{4}$ inches. The
four white eggs were laid on a
few white chips at the bottom.
They were transparent and
of a pinkish hue.

Found a Sparrow Hawk's nest at the end in a broken-off Basswood. It was about 45 feet up in a tree that I could not reach around. Went up with my climbers. The top had rotted out for about four feet. It was about two feet across. The nest in there contained five slightly incubated eggs, whitish pink, thickly spotted with fine cinnamon brown spots. The spots were darker on one end generally the larger one. Both ends were nearly the same. They were laid on a few twigs as large as a lead pencil scantily covered with oak leaves. While it was there the old one would fly out from the tree and hover

46

about ten feet over me shyly
calling Killy Killy Killy Killy
Then we went home.

May 27 Saturday.
Went down by Spahie this
morning. But this a Catbird
was singing. It copied a
Bluejay's love note and the
song of a Wood Thrush. It was
raining slightly.

Found a Bluejay's nest in
Spahie's box gland. The old one
sat on it with the bill at an
angle of 50°. She staid on until
I nearly touched her.
Then I went home.

This evening I watched a Robin
at work on the nest she had
begun in the morning in

a little elm near the wall.
 She tried to get a string that
 was fast in a tree. She would
 take hold of it and jerk and
 then fly away with it. She
 made the foundation of twigs,
 paper, grass, string and cloth.
 A male Baltimore Oriole
 came while she was gone
 and stole a string.

May 28, Sunday.

This evening the Robin was
 carrying grass to the nest. Once
 she visited an old English
 sparrow's nest in the road and
 took a few straws from it. She
 mixed mud and grass and
 moulded the cup with her
 breast. When she left the nest
 she sometimes uttered a rapid

~~pump pump~~ faster at the end
 like - - - - - She took some
 clear mud. She dug it with a
 shovel-like motion. She entered
 the nest from any side. When the
 mud was moulded she put in the
 lining of fine grass. Some of it
 was moulded in and the nest was
 loose. Her breast was muddy.

May 29, Monday.

This morning over at the
 school-grounds I got several
 country names for birds. Glen
 Hackett called a Red-winged
 Blackbird a Black Jack. Harry
 Krumpholtz a Spotted Sandpiper a
 Sand Lipe; and drawing Prindle
 a Ruffed Grouse a Wild Banty.

May 30 Tuesday.

This evening I was up by Draper's. Heard a Super Sparrow sing on the ground. A Chipping Sparrow not to be outdone sang also as if in answer. His song was chippy chippy chippy chippy running up the scale like

May 31, Wednesday.

This afternoon I made a study of the notes of the English Sparrow. It has two harsh notes used as calls like this it and chirp or chip. When alarmed it gave a note like chr-r-r-r-r chirp chirp. It has a jumble of the first two for a song. When flying they gave notes like tit. The flight was strong and rather bounding.

June.

June 1, Thursday -

This morning I found a Robin's nest in a box elder tree near the ware house. The female seemed to have a defect in her voice. She only gave a single note like keep. She fluffed her tail nervously while I was near and gave the call. The male gave the usual pimb.

This evening I was down at Siskiy. There was a Barn Swallow's nest in Canoe's barn. The male sat on a fence and gave a pleasing twittering song.

June 2, Friday.

Tonight after school Jim Draper and I went over in Rustans. Found a Warbling Vireo's nest in an elm-tree about six feet from the ground. It was made of plant down, cobwebs, small cocoons, vegetable fibers, plants and hair compactly woven together into a soft gray cup. It was about an inch thick. Eggs 3 white, sparingly spotted with brownish black. Took the following description of the female: line through eye grayish brown; tail slightly notched; underparts white slightly tinged with yellow; crown and back olive-brown; wings and tail the same; it gave two notes like chit chit and zhroee zhroee.

52

The male's song was a smooth warble. I watched her when she went back on the nest. She slid along the limb and into the nest so quickly that I hardly noticed her.

Then we went home.

June 3, Saturday.

This afternoon I heard a continual chipping noise coming from Fish's garden. Followed it up and found a Chipping Sparrow's nest. It contained four young. They were covered with parasites and were very noisy.

Over by Spahr's I heard a Bluejay give a note that sounded like the turning of an ungreased axle.

June 4, Sunday.

This afternoon I went out to the slough. By second slough on the side covered with brush I found a Wood Thrush's nest. It was about four feet from the ground in an oak sapling and was in plain sight from the path. It was placed at the junction of a branch to the tree. It was made of leaves, grass and rootlets. The inside was mud. The lining consisted of a few pine needles. The grass had lain in water until it was black. It much resembled a Robin's nest and the two blue eggs heightened the delusion though they were smaller. Depth of nest $2\frac{1}{4}$ inches; height 5 inches; width $4\frac{1}{4}$ inches; distance around $12\frac{1}{2}$ inches. The

54

old slid off from the nest and
went away and, coming back
after a short time, alighted
within four feet of me. Took
the following description of it:
head bright brown; back wings
and tail duller; underparts
which streaked with black, flanks
spotted; throat white. I then
went home.

June 5, Monday.
Heard a Phoebe give a
singular note like thump. It
was followed by pit at.
Noted that the common
note of the Barn Swallow was
twet twet twet.

June 6, Tuesday.
Jim Draper and I went down
below this house this morning.

20

Found a scarlet Tanager's nest
on the horizontal limb of a
small oak on the river bank. It
was about ten feet up and
was made of coarse weeds
that had stood in the water
and was lined with pine
needles. It contained four
greenish blue eggs, spotted with
buff and rufous brown
principally on the large end where
they were darker. The female
did not appear at all anxious.
She flew across the river and
was joined by her mate. She
flew at him and pecked him
when he sang. Took the following
description of her; bill quite
large, yellow; tail notched;
underside blackish; under
tail coverts yellow; head
yellowish grey; back olivaceous

26

throat and breast yellow; wings blackish.

Went on alone and found the nest of a Yellow Warbler. It was in a bush about two feet from the ground. It was made of hair, fur, plant-down and pine needles closely felted together and lined with black horse hair. The bottom was white down. It made a pretty contrast. It was a perfectly round cup in shape. It contained two dull white eggs spotted at the large end with olive brown and purplish cinnamon. Took me. It was very fragile.

June 7, Wednesday.

This morning I found a scarlet Tanager's nest in a large oak in front of Gray's. It

27

was about twenty feet from the ground. I could not get to it. The female was very anxious and gave note like peee peee chip churr.

This afternoon I went over in T. Hackitt's woods. There were a number of spotted sandpipers along the river. They rose with note like peet wut wut wut and flew off just above the water.

Found a Wilson Thrush's nest on a log. It was made of leaves and lined with roots. It contained four blue eggs and two Cowbirds' eggs.

Took the following description of a Yellow-billed Cuckoo: bill yellow; line through eye black; underparts white. Its notes were fast at first and slower

58

at the end. They sounded like
hitting stones together. Found a
nest on the top of a thorn-apple
tree about 10 feet up. It was
made of fine wigs and lined
with leaves and fine rootlets.
It contained four blue eggs. They
were very dirty. Depth of nest
 $1\frac{3}{4}$ inches; width $5\frac{1}{2}$ inches;
height $2\frac{1}{2}$ inches; circumference
14 inches.

Found the nest of a Red-eyed
Vireo on a crotch at the end of
a limb of a Basswood. It was
made of sorbuck, bark, leaves,
hemp and cocoons and was
lined with pine needles. It
contained three eggs; white,
spotted, mostly at the larger end
with black. It also contained
two Cowbird eggs. Took the following
description of the old one;

line through eye black; line above eye white; underparts whitish; upperparts olive green; crown grey bordered by black; bend of wing white.

Found a Chest Flycatcher's nest - on a maple sapling that leaned over so much that the top branches were horizontal. It was saddled to one of these. I reached it by climbing a larger tree and bending it down. It was made of leaves, grass and hair, lined with feathers, forming a compact cup. It contained four eggs, white with a yellow tinge. I had gone only about 20 feet before the female went back. Took the following description of another one: Breast white; back olive-brown; two white wing bars. It called che-be and

was very restless. Heard one
give a note of alarm like whit
whit.

Found a Black-billed Cuckoo's
nest in a goose-berry bush
about three feet from the ground.
It was made of twigs was lined
with a kind of fuzzy weed-flower
cluster. It was flat. It
contained two blue eggs smaller
than those of the Yellow-bill.

On my way home I found a
Scarlet Tanager's nest in a small
elm along the road. It was
about six feet from the ground.
It contained two Tanagers and
one Cowbird's egg.

Then I went home.

June 9, Thursday.

This morning after breakfast
I started for S. Hackitt's woods

By Randall's flock there were a number of Chimney Swift flying around. They would circle around and catch the twigs of a dead oak as they passed by their feet.

On the edge of the woods I found a Black-billed Cuckoo nest. It contained four eggs of unusual size. They were nearly as large as those of the yellow-billed species.

A East Flycatcher in flying from one tree to another gave a note like ca-tr-r-r-r-r.

Took the following description of a Yellow-billed Cuckoo: end of tail white; line from eye to bill black; crown grey.

Went across the railroad track to the peninsula. There was a flock of Cowbirds feeding

in the open. The female gave a note like pe-e-u-re. Took the following description of a male; head coffee brown, rest of plumage black. They gave note like su-e-er. The male gave a bubbling song like but kul-ru with puffed out feathers and spread wings and tail.

Went back on the other side of the river. Found a Robin's nest in a hole in a tree. One half of the tree had split off leaving the cavity. Then I went home.

June 9, Friday.

This morning I was down by Selup. Saw a male Barn Swallow sing while sitting on a fence near his nest in Casque Barn.

There was a Kingbird's nest
 in an oak in front of Lulu's.
 Took the following description
 of one of the old ones: upper parts
 olive brown; head and tail black;
 white band on tip of tail; under-
 parts white; the breast is darker
 than the belly. They would sally
 out for passing insects every
 little while and caught them
 with a loud snap of the bill.
 When it got a large one it bruised
 it on its perch before swallowing
 it. A Bobwhite chased it most
 near one of them. It flew at
 the Bobwhite and made it
 light on the ground.

Went down in the marsh. A
 male Red-winged Blackbird
 was much excited. He called
che che chut chut while walking
 around on a pine post.

64
A male Baltimore Oriole flew
by his outer tail feathers were
orange.

Went up by Quip's. Found a
scarlet Tanager's nest in an
oak. The female called chip
chip. I could not reach the
nest. Then I went home.

This afternoon I went over
in S. Foxhill woods. Found
a Cowbird's nest with four
eggs in it.

Noticed that the Black-billed
Cuckoo's up-bills are red.

A Ring around the eye is
white in the yellow-billed
Cuckoo.

Found a Red-eyed Vireo
nest with two of its own eggs and
two Cowbirds eggs in it. I took
the Cowbirds eggs. I then went home.

St. Paul, Minnesota.

June 10, Saturday.

This afternoon I started for St. Paul. Saw numbers of Red-winged Blackbirds and some nests by the way.

June 15, Thursday.

This morning I went out to Lake Elmo. Some boys and I rowed across the lake. Found a number of Red-winged Blackbirds nests among the rushes. Some were empty. Others contained eggs. They gave notes like tick tick and tick.

June 16, Friday.

This evening after supper I spent in watching Nighthawks near the house. There were thousands of them. One would

66

flap and flutter a short distance and then utter a ~~first~~ I was watching one when it turned down and flew very fast towards the ground. As it ~~turned~~ it turned up. as it turned it made a roaring noise like the wheel of a wagon rubbing on the box. The noise was made by the wings. When it gets near the upturn it makes its body horizontal and the air rushing through the wings makes the sound. It is not always that it can do it. I saw one ~~miss~~ several times. I think that one had a nest on the flat top of the house. I was watching one when it came suddenly down to the level of trees and gave a nervous excited note like ~~Kit Kit Kit~~ while it

67
flung along erratically like
this ~~xxx~~ three notes ascending
and one descending.

June 12, Saturday.
I hear a Robin with a
noticeable song from my
window every day. It has
notes in its song like whet whet
tuor.

In the next yard is a
family of Red-headed Woodpeckers.
They sit on the top of some high
place and give forth like kuak.
It is hard to represent.

Went down the Mississippi
River in a steamboat this morning
and up the Minnesota. A
new railroad had been run
through and cuts had been

68

made in the soft sandstone. Bank swallows had built or dug their nest here by the hundreds. The openings were all the way from 2 to 5 inches in diameter. The swallows flew in and out without stopping. Sometimes two would go in one after the other.

June 17, Sunday.

This afternoon we walked from the cable-car to the new house. Saw a Western Meadowlark on a telegraph wire. Its song was like that of the common species except for a few bubbling notes at the end. It was very wild. It gave a note like tick two or three times. It flew like the common species.

69

This evening the two Night hawks
flew high up in the air and
circled around for some time.
Then they separated and the
male went higher. Suddenly he
rushed down and boomed
beside her and flew up again.
He did it several times. He was
showing off. When they are
flying the white mark on the
wing is very conspicuous.

June 20, Tuesday.
Went out to Mimihaha Falls
this afternoon. Saw a female
Golden-winged warbler in a
patch of bush east of the falls.
It was a new bird to me.
Crown yellow; wing bar yellow;
underparts whitish; line through
eye black; back dark slaty
gray. The note was a sharp

20

chit. It flew in a bush looked at
me and then flew along the
ground.

June 22, Thursday.

When the English Sparrow
goes to alight it spreads its
tail to stop its momentum.
Saw a male and a female
on the side walk on Nishan ave.
The male spread his tail and
dropped his wings and strutted
around chirping loudly but she
picked him whenever he came
near.

June 23, Friday.

From my window I can
see a cupola surmounted
by a horse and an arrow
for a weather vane. This is a
favorite place for all kinds of

birds. This morning the Robin⁷¹
with the queer note in his
song was on it. His mate sat
on the horse and he was above
on the arrow. After them a
male Cowbird, lit for an
instant, uttered his song and
left. Next a Red headed Woodpecker
came and called and drummed
a little and last, but not least
came the saucy House Sparrow.

North Freedom, Wis.

June 30 Friday.

This afternoon I went down
in the fields. Saw a Phoebe
sitting on a wire fence near
the river. Took the following
description of it: Back and tail
light olive brown, head darker;
underparts white, washed

72
with yellow; it jerked its
tail. It flew with a bobby
chicadee-like flight and made
sallies in the air and on the
ground for insects. Sometimes
it hovered for an instant
like a Kingbird.

In Mainie Woods I found a
Brown Thrasher's nest in a
thick clump of privet ash.
The old one uttered a low cwa
as she slipped off, farther off a
kissing note and lastly a
whistled wee wee. The nest
was made of sticks and leaves
and lined with fine grass.
It was quite bulky. It contained
four eggs bluish white, thickly
~~spotted~~ with fine cinnamon brown
and yellowish on one end. Sat
down to watch the nest.
(continued)

